

RAW SEQUENCE LISTING

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Application Serial Number: 10/582,654
Source: IFWP
Date Processed by STIC: 06/22/2006

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IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/582,654

DATE: 06/22/2006
TIME: 12:50:23

Input Set : A:\seq listing.app
Output Set: N:\CRF4\06222006\J582654.raw

3 <110> APPLICANT: Ono et al.
 5 <120> TITLE OF INVENTION: Modified antibodies recognizing receptor trimers
 or higher multimers
 7 <130> FILE REFERENCE: 75996-01
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/582,654
 C--> 9 <141> CURRENT FILING DATE: 2006-06-12
 9 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/018507
 10 <151> PRIOR FILING DATE: 2004-12-10
 12 <150> PRIOR APPLICATION NUMBER: JP 2003-415735
 13 <151> PRIOR FILING DATE: 2003-12-12
 15 <160> NUMBER OF SEQ ID NOS: 42
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 797
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: An artificially synthesized nucleotide sequence
 27 <400> SEQUENCE: 1
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 32 ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc 180
 34 cgccaggctc cagggaaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc 240
 36 agataactacg cagactccgt gaaggggccgg ttcaccatct ccagagacaa ttccaagaac 300
 38 acgctgtatc tgcaaattgaa cagcctgaga gcccggaca cggccgtata ttactgtgcg 360
 40 aaagagagca gtggctgggtt cggggccctt gactactggg gccaggaaac cctggtcacc 420
 42 gtctcctcag gtggagaaat tgtgctgact cagtcctccag acttcagtc tgtgactcca 480
 44 aaggagaaaag tcaccatcac ctggccggcc agtcagagca ttggtagtag cttacactgg 540
 46 taccagcaga aaccagatca gtctccaaag ctccatca agtatgcttc ccagtccttc 600
 48 tcaggggtcc cctcgagggtt cagttggcgtt ggatctggga cagatttcac cctcaccatc 660
 50 aatagcctgg aagctgaaga tgctgcagcg tattactgtc atcagagtag tagttaccg 720
 52 atcaccttcg gccaaggggac acgactggag attaaagact acaaggatga cgacgataag 780
 54 tgataagcgg ccgcaat 797
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 58 <211> LENGTH: 256
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Artificial
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: An artificially synthesized peptide sequence
 65 <400> SEQUENCE: 2
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 69 Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
 70 20 25 30

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75	Ser	Ser	Tyr	Ala	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu
76		50				55						60				
78	Glu	Trp	Val	Ser	Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	Arg	Tyr	Tyr	Ala
79	65			70				75				80				
81	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn
82				85				90			95					
84	Thr	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val
85				100				105			110					
87	Tyr	Tyr	Cys	Ala	Lys	Glu	Ser	Ser	Gly	Trp	Phe	Gly	Ala	Phe	Asp	Tyr
88				115				120			125					
90	Trp	Gly	Gln	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Gly	Gly	Glu	Ile	Val
91		130				135			140							
93	Leu	Thr	Gln	Ser	Pro	Asp	Phe	Gln	Ser	Val	Thr	Pro	Lys	Glu	Lys	Val
94	145				150				155			160				
96	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gln	Ser	Ile	Gly	Ser	Ser	Leu	His	Trp
97					165				170			175				
99	Tyr	Gln	Gln	Lys	Pro	Asp	Gln	Ser	Pro	Lys	Leu	Leu	Ile	Lys	Tyr	Ala
100				180				185			190					
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103				195				200			205					
105	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Asn	Ser	Leu	Glu	Ala	Glu	Asp	Ala
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108	Ala	Ala	Tyr	Tyr	Cys	His	Gln	Ser	Ser	Ser	Leu	Pro	Ile	Thr	Phe	Gly
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118	<213>	ORGANISM:	Artificial													
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130	cgcaggctc	cagggaaggg	gctggagtgg	gtctcagcta	ttagtggtag	tggtgttagc	240									
132	agatactacg	cagactccgt	gaaggggccgg	ttcaccatct	ccagagacaa	ttccaagaac	300									
134	acgctgtatc	tgcaaatgaa	cagcctgaga	gccgaggaca	cggccgtata	ttactgtcg	360									
136	aaagagagca	gtggctgg	ttt	cggggcctt	gactactgg	gccaggaaac	cctggtcacc	420								
138	gtctcctcag	gtgaaattgt	gtcgactcag	tctccagact	ttcagtctgt	gactccaaag	480									
140	gagaaaatc	ccatcac	ccggggcc	cagagcattg	gttagtagctt	acactgg	tac	540								
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144	ggggccccct	cgagg	ttcag	tggcagtgg	tctggacag	atttcac	caccatca	660								
146	agcctgaa	ctgaagatgc	tgcagcgtat	tactgtc	atc	agagtagtag	tttaccgatc	720								
148	accc	ttcg	cc	aaggacacg	actggagatt	aaagactaca	aggatgacga	780								
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153 <210> SEQ ID NO: 4
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 155 <212> TYPE: PRT
 156 <213> ORGANISM: Artificial
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: An artificially synthesized peptide sequence
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 165 Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
 166 20 25 30
 168 Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
 169 35 40 45
 171 Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 172 50 55 60
 174 Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Ser Arg Tyr Tyr Ala
 175 65 70 75 80
 177 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
 178 85 90 95
 180 Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
 181 100 105 110
 183 Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
 184 115 120 125
 186 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Glu Ile Val Leu
 187 130 135 140
 189 Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val Thr
 190 145 150 155 160
 192 Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp Tyr
 193 165 170 175
 195 Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala Ser
 196 180 185 190
 198 Gln Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly
 199 195 200 205
 201 Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala Ala
 202 210 215 220
 204 Ala Tyr Tyr Cys His Gln Ser Ser Ser Leu Pro Ile Thr Phe Gly Gln
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238	cagaaaaccag	atcagtcctc	aaagctcctc	atcaagtatg	cttcccagtc	cttctcagg	600										
240	gtcccctcga	ggttcagtgg	cagtggatct	gggacagatt	tcaccctcac	catcaatagc	660										
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264	Pro	Gly	Arg	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Thr	Phe	
265							35			40				45			
267	Ser	Ser	Tyr	Ala	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	
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270	Glu	Trp	Val	Ser	Ala	Ile	Ser	Gly	Ser	Gly	Gly	Ser	Arg	Tyr	Tyr	Ala	
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273	Asp	Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ser	Lys	Asn	
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283						130			135				140				
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288	Thr	Cys	Arg	Ala	Ser	Gln	Ser	Ile	Gly	Ser	Ser	Leu	His	Trp	Tyr	Gln	
289						165			170				175				
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

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Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42

VERIFICATION SUMMARY
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date